530153-2 ✔ ACTIVE

AMP | AMP M Series

TE Internal #: 530153-2

Tandem Spring, Open Top, 2 Position, 2.54 mm [.1 in] Centerline, Signal, -65 – 105 °C [-85 – 221 °F], AMP M Series, Board-to-Board Jumpers & Shunts

View on TE.com >

Connectors > PCB Connectors > Board-to-Board Connectors > Board-to-Board Jumpers & Shunts



Shunt Type: **Tandem Spring**

Shunt Style: **Open Top**

Number of Positions: **2**

Centerline (Pitch): **2.54 mm [.1 in]**

Contact Current Rating (Max): **3 A**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	2

Electrical Characteristics

Termination Resistance	20 mΩ
Insulation Resistance	1000 MΩ

Body Features

Handle	Without
Primary Product Color	Black

Contact Features

	30 µin
Contact Mating Area Plating Material	Gold

Contact Base Material	Phosphor Bronze
Shunt Type	Tandem Spring
Shunt Style	Open Top
Contact Current Rating (Max)	3 A

Housing Features

Housing Material	Nylon, Polyester
Centerline (Pitch)	2.54 mm[.1 in]

Dimensions

Product Height	9.14 mm[.36 in]

Usage Conditions

Operating Temperature Range	-65 – 105 °C[-85 – 221 °F]

Operation/Application

Circuit Application	Signal

Industry Standards

Compatible With Approved Standards Products	UL Recognized
UL Flammability Rating	UL 94V-0

Packaging Features

Jumper & Shunt Packaging	Loose Piece
Packaging Quantity	5000
Packaging Method	Loose Piece

Product Compliance

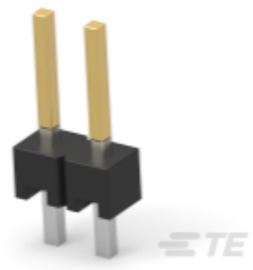
For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 5-146285-2
02 MODII HDR SRST B/A .100CL

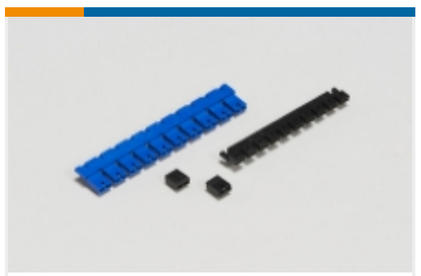


TE Part # 5-146281-2
02 MODII HDR SRST B/A LF



TE Part # 5-146277-2
02 MODII HDR SRST B/A .100CL

Also in the Series | AMP M Series



Board-to-Board Jumpers & Shunts(7)



Connector Caps & Covers(11)



Connector Hardware(18)



Connector Strain Relief(11)



Rack & Panel Connectors(1)



Rectangular Power Connectors(57)

Customers Also Bought



TE Part #5050462-8
SOCKET,MIN-SPR SN-AU SER-2



TE Part #3-641237-6
06P MTA100 CONN ASSY RED 30AU



TE Part #3-2176053-0
RLP73K 2A R82 1% 1K RL



TE Part #1761607-7
IDC LOW PRO HDR 20P RA LG LAT



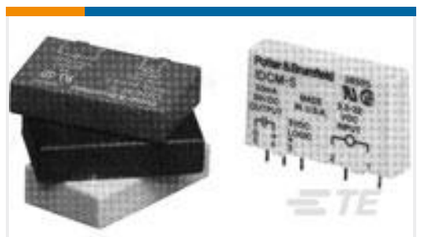
TE Part #1761607-9
IDC LOW PRO HDR 26P RA LG LAT BLK



TE Part #7-1879215-1
CPF 0402 24K9 0.1% 25PPM 1K RL



TE Part #8-1879214-0
CPF 0402 2K49 0.1% 25PPM 1K RL



TE Part #5-1393028-1
ODCM-5 = SLIM PCB MOUNT,3A,60V DC-DC I/p

TE Part #20026691-00
GLS2-PROBE 30K +/-0.1'C 0-70'C

Documents

Product Drawings

TDM SPRING SHUNT ASSY 2 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_530153-2_AB.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_530153-2_AB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_530153-2_AB.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

English

Tandem Spring Shunt Connectors

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Tandem Spring Shunt Connector 530153

English

Agency Approvals

Agency Approval Document

English